

PTO-1449

Application No.
10/022,753Applicant(s)
Nicholas A. Schuneman, et al.Information Disclosure Citation
in an ApplicationDocket Number
004578.1193Group Art Unit
UnknownFiling Date
12/14/2001

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<u>CA</u> A	6,008,770	12/28/99	Sugawara	343	767	
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C						
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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<u>CA</u> M	0,343,322	11/29/89	EPC	—	—		(N/A)
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O							

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DOCUMENT (Including Author, Title, Source, and Pertinent Pages)

<u>CA</u> P	Chio, et al., "Large Wideband Dual-Polarized Array of Vivaldi Antennas with Radome", 1999 Asia Pacific Microwave Conference (Singapore), IEEE, Piscataway, New Jersey, November 30, 1999, pages 92-95.
Q	
R	

EXAMINER

Shih - Hsiao Che

DATE CONSIDERED

6/27/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Page 1 of 1

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P	U.S. Serial No. 10/023,229, filed December 14, 2001, entitled "Balun and Groundplanes for Decade Band Tapered Slot Antenna and Method of Making Same", inventors James M. Irion II, et al. (Attorney Docket 004578.1140).
Q	U.S. Serial No. 09/946,848, filed September 4, 2001, entitled "Method and Apparatus for Increasing Bandwidth of a Stripline to Slotline Transition", inventors James M. Irion II, et al. (Attorney Docket 004578.1150).
R	U.S. Serial No. 10/023,800, filed December 14, 2001, entitled "Decade Band Tapered Slot Antenna, and Method of Making Same", inventors Nicholas A. Schuneman, et al. (Attorney Docket 004578.1194).

EXAMINER

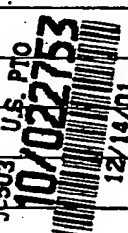
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<i>ca</i>	B	4,853,704	08/01/89	Diaz, et al.	343	767	
<i>ca</i>	C	5,036,335	07/30/91	Jairam	343	767	
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<i>ca</i>	N Schaubert, Daniel H., "Wide-Band Phased Arrays of Vivaldi Notch Antennas", Antenna Laboratory, University of Massachusetts, pp. 1.6 and 1.9-1.12, undated.
<i>ca</i>	O Pickles, W. R., et al., "Ultra-Broadband Phased-Array Antenna", U.S. Naval Research Laboratory, pp. 1-6; undated.
<i>ca</i>	P Shin, Joon, et al., "A Parameter Study of Stripline-Fed Vivaldi Notch-Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 5, May 1999, pp. 879-886.
<i>ca</i>	Q Chio, Tan-Huat, et al., "Parameter Study and Design of Wide-Band Widescan Dual-Polarized Tapered Slot Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 6, June 2000, pp. 879-886.
<i>ca</i>	R Kragalott, Mark, et al., "Design of a 5 : 1 Bandwidth Stripline Notch Array from FDTD Analysis", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 11, November 2000, pp. 1733-1741.
<i>ca</i>	S Lee, Hai Fong, et al., "Advances in Microstrip and Printed Antennas", John Wiley & Sons, Inc., New York, 1997, two title pages and pp. 447-453 and 510-514.
<i>ca</i>	T Simon, K., "MMIC Compensation Network for Phased Array Element Mismatch", Raytheon Company, Research Division, September 14, 1990, 68 pages.

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